



# EPASat Quarterly Report April through June 2008

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## What is the EPASat Quarterly Report?

This report shows the US Environmental Protection Agency's progress on selected priorities. It is intended to elicit questions that lead to ideas about how the Agency can better execute our responsibilities under the law and do a better job of protecting human health and the environment. In many cases, measures may be affected by factors outside the Agency's control. Success often relies on working closely with our partners: states, territories and tribes.

This report is only one of many budget, performance, and financial tools used by the Agency for management purposes. It does not include all of the Agency's priorities. The report is a balance of national and regional information. Because it is updated quarterly, most measures are outputs, not outcomes. However, all the measures are linked to objectives in the Agency's Strategic Plan. Performing well on these measures is assumed to lead to improved public health and environmental protection.



# Select Regional Priorities NORTHEAST

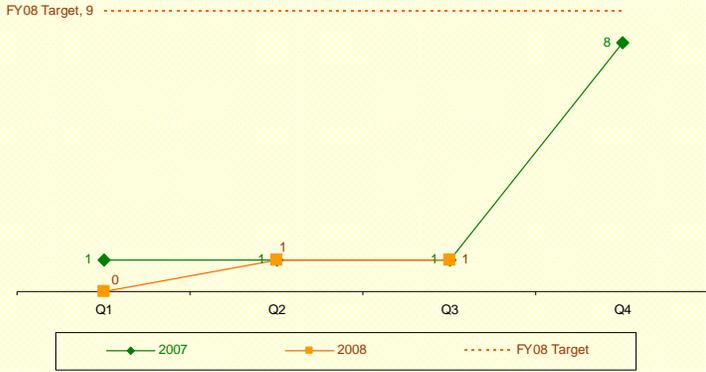


## Land Revitalization

Links to Strategic Plan Objective 3.2 (Restore Land)

- 1 EPA cleanup efforts complement state and local activities to restore containment properties to environmental and economic vitality. More Superfund Sites are completed in Spring and Summer and reported in the 4th Quarter.

# of Superfund Sites Completed in Northeast



Data Source: CERCLIS

## Water Quality

- 4 Advanced treatment and/or technology limits, addressed through the National Pollutant Discharge Elimination System (NPDES), will help reduce nutrients like nitrogen, a major cause of water impairment in the Northeast.

# of NPDES Permits with Advanced Wastewater Treatment and/or Technology Forcing Limits for Nitrogen and Phosphorus  
Links to Strategic Plan Objective 2.2 (Water Quality)



Data Source: PCS

## Air Quality: Ozone

Links to Strategic Plan Objective 1.1 (Outdoor Air)

- 2 Redesignations generally show improvement in air quality. The vacated Clean Air Interstate Transport Rule (CAIR) may limit regional redesignation efforts.

# of Eligible Ozone Non-Attainment Areas Redesignated

|               | Region 1 | Region 2 | Region 3 | TOTAL |
|---------------|----------|----------|----------|-------|
| Eligible      | 3        | 3        | 25       | 31    |
| Submitted     | 2        | 0        | 25       | 27    |
| Q407 Approved | 2        | 0        | 18       | 20    |
| Q1 Approved   | 2        | 0        | 22       | 24    |
| Q2 Approved   | 2        | 0        | 23       | 25    |
| Q3 Approved   | 2        | 0        | 23       | 25    |

Data are cumulative.

Data Source: Regional Tracking

- 3 Controlling ground-level ozone continues to be an Agency priority. Region 5, although not part of the Northeast, is reporting for this measure.

# of Exceedance Days for 8-Hour Ozone Standard

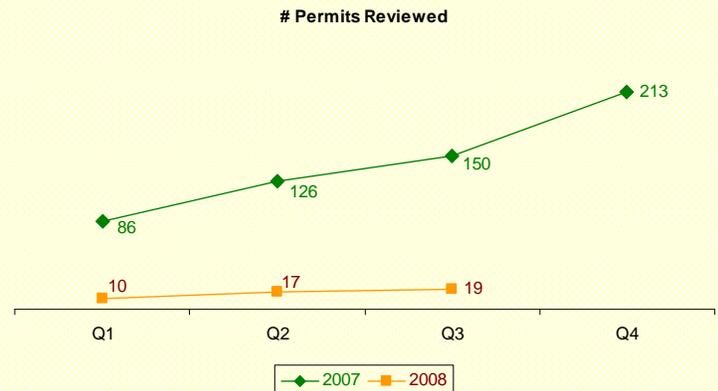
|    | Region 1 | Region 2 | Region 3 | Region 5 |
|----|----------|----------|----------|----------|
| Q1 |          |          |          |          |
| Q2 |          |          |          |          |
| Q3 |          |          |          |          |
| Q4 |          |          |          |          |

FY 08 data reflect exceedances against the new more stringent 8-hour ozone standard (.075 ppm) which went into effect in May 2008; the FY 07 data are based on the 1997 8-hour ozone standard (.080 ppm).

Data Source: AIRNow, AQS

- 5 The Chesapeake Bay is a priority. Though non-point sources are a major threat to the Bay, permitting significant nutrient dischargers helps restore and maintain water quality. Region 3 anticipates a significant increase in the FY08 permits issued and reviewed in the Q4 Chesapeake Bay.

Chesapeake Bay Significant Discharge Permits  
Links to Strategic Plan Objective 4.3 (Ecosystems)



Data Source: R3 WPD/CBPO



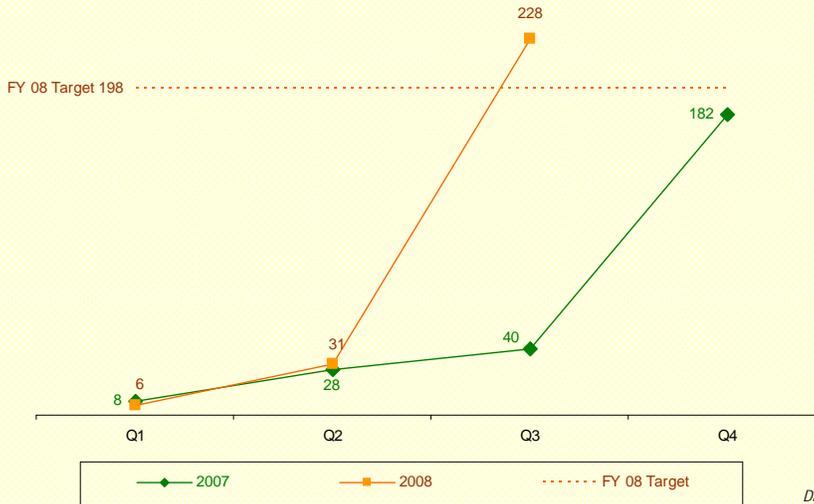
# Select Regional Priorities GREAT SOUTH



## Water Quality

6 Setting Total Maximum Daily Loads (TMDLs) is one of the many tools used before taking further action to reduce nutrient pollution in the Mississippi River and the Gulf of Mexico. Region 5, 7 and 8 joined the Great South Region 4 and 6 in reporting on this measure in FY08.

Mississippi River Watershed: # of TMDLs Completed in Nutrient Impaired Waters  
Links to Strategic Plan Objective 2.2 (Water Quality)

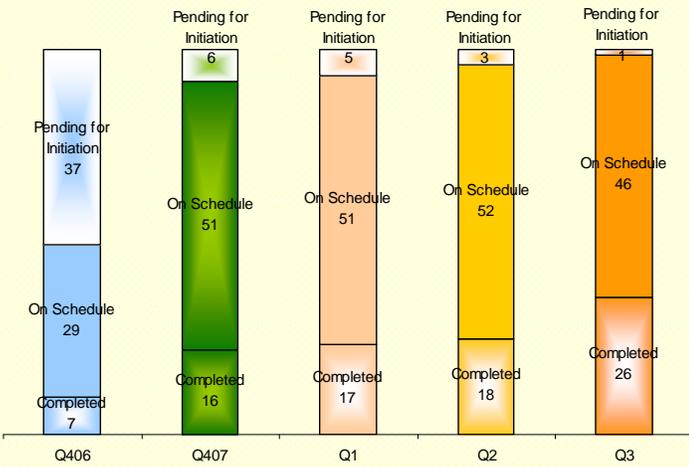


Data Source: PCS, ICIS, Office of Water, Region 6 Internal Data System, NTTS

7 The 73 actions in support of the Gulf of Mexico's Governors' Action Plan will increase understanding of environmental risks and coastal resiliency, address cooperation at the local, state, and Federal levels, and improve regional coordination. All projects initiated to date (72 of 73) have been completed or are on schedule to be completed by 2009.

8 Over the next three years, 382 TMDLs or equivalent decisions must be completed in South Florida. To date, 106 cumulative decisions have been made.

Gulf of Mexico Near-Term Actions  
Links to Strategic Plan Objective 4.3 (Ecosystems)



South Florida Water Management District:  
# of Decisions Made on Impaired Waters  
Links to Strategic Plan Objective 2.2 (Water Quality)

| Q407 | Q1 | Q2 | Q3 | T08 |
|------|----|----|----|-----|
| 69   | 0  | 0  | 37 | 20  |

Data Source: 303(d) list

## Air Quality

Links to Strategic Plan Objective 1.1 (Outdoor Air)

9 Timely development and approval of State Implementation Plans (SIPs) will lead to earlier action to address ozone. All of the Houston and Dallas Fort Worth SIPs are on schedule.

# of Months Ahead (Behind) Schedule on Selected Clean Air SIPs

|          | Q407                  | Q1                 | Q2                 | Q3                 | Accomplishment(s)/Upcoming Milestones |   |
|----------|-----------------------|--------------------|--------------------|--------------------|---------------------------------------|---|
| Region 6 | Houston SIP           | 0<br>(on schedule) | 0<br>(on schedule) | 0<br>(on schedule) | 0<br>(on schedule)                    | <b>July 15, 2008:</b> EPA to propose action to approve or disapprove Reasonable Further Progress SIP.<br><b>December 15, 2008:</b> EPA to take final action to approve or disapprove Reasonable Further Progress SIP. |
|          | Dallas Fort Worth SIP | 0<br>(on schedule) | 0<br>(on schedule) | 0<br>(on schedule) | 0<br>(on schedule)                    | <b>July 15, 2008:</b> EPA to propose approval or disapproval of final 8-hour Ozone SIP.<br><b>December 15, 2008:</b> EPA to take final action to approve or disapprove final 8-hour Ozone SIP.                        |

Data Source: TCEQ SIP Schedule



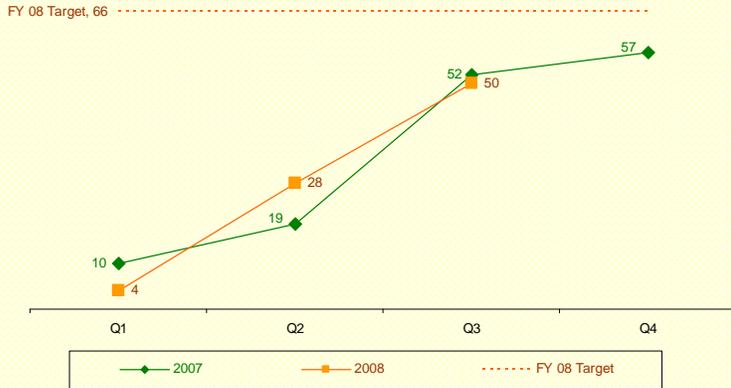
# Select Regional Priorities MIDWEST



## Water Quality

**10** Nutrients are a major environmental threat to the Mississippi watershed. Permitting is the Agency's most direct way to address major dischargers.

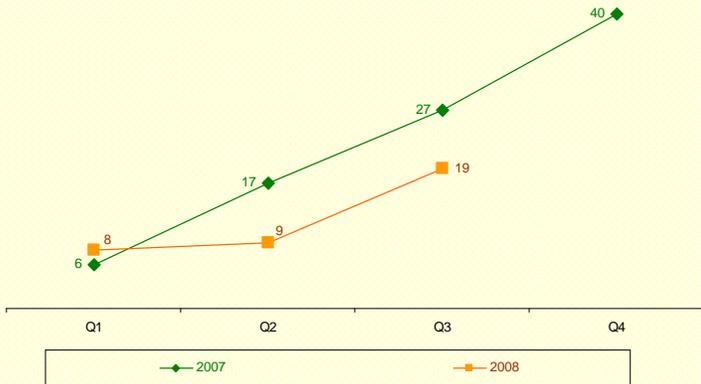
Mississippi River Watershed: # of NPDES Permits issued for Major Municipal and Industrial Facilities with Nutrient Limits or Monitoring Requirements  
*Links to Strategic Plan Objective 2.2 (Water Quality)*



Data Source: PCS/ICIS

**11** Compliance assistance supports and complements permitting efforts aimed at reducing nutrient levels.

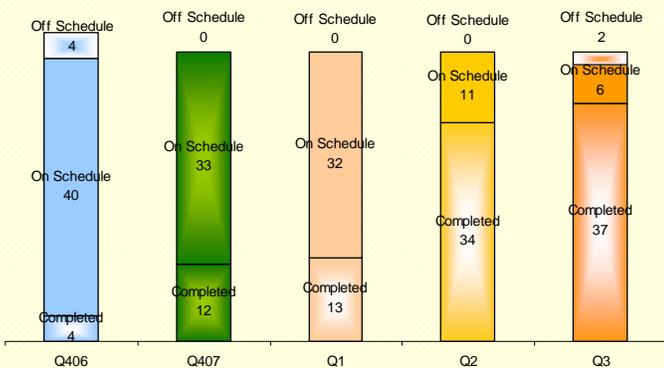
Mississippi River Watershed: # of Nutrient Compliance Assistance Seminars, Trainings or Presentations given to CAFOs, Municipalities, States or Tribes in the Mississippi Watershed  
*Links to Strategic Plan Objective 5.1 (Improved Compliance)*



Data Source: PCS/ICIS

**12** Working collaboratively with other federal, state and local partners, the Great Lakes Initiative is on schedule. 37 of 45 projects are now completed including the development of the standardized beach sanitary survey.

Great Lakes Near-Term Actions  
*Links to Strategic Plan Objective 4.3 (Ecosystems)*



Data is cumulative across fiscal years

Data Source: GLNPO

## Air Quality: Ozone

*Links to Strategic Plan Objective 1.1 (Outdoor Air)*

**13** Redesignations generally show improvement in air quality.

# of Eligible Ozone Non-Attainment Areas Redesignated

|               | Region 5 |
|---------------|----------|
| Eligible      | 34       |
| Submitted     | 33       |
| Q407 Approved | 27       |
| Q1 Approved   | 28       |
| Q2 Approved   | 28       |
| Q3 Approved   | 29       |

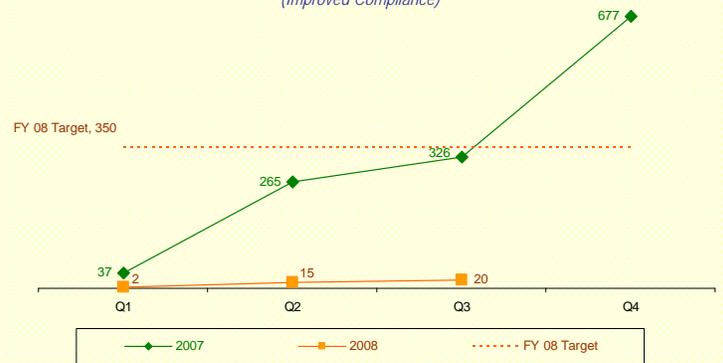
Data are cumulative.

Data Source: Regional Tracking, FREDS

## Lead Poisoning

**14** Removing or otherwise controlling lead in housing addresses the primary source of childhood lead poisoning. Supplemental Environmental Projects (SEPs) and Judicial settlements have typically driven accomplishments in this area.

# of Housing Units Abated/Mitigated for Lead as a Result of Federal Enforcement Actions  
*Links to Strategic Plan Objective 5.1 (Improved Compliance)*



Data Source: ICIS, Manual Tabulation

**15** In some communities the soil around homes poses a risk of causing lead poisoning.

# of Lead-Contaminated Residential Properties Cleaned Up by Superfund  
*Links to Strategic Plan Objective 3.2 (Restore Land)*



Data Source: Regional Superfund Records



# Select Regional Priorities GREAT AMERICAN WEST



## Agriculture

Links to Strategic Plan Objective 5.1 (Improved Compliance)

**16** Compliance assistance supports and complements permitting efforts aimed at reducing nutrient levels from Concentrated Animal Feeding Operations (CAFOs).

# of CAFO Entities Reached Through Compliance Assistance

FY 08 Target 8,305



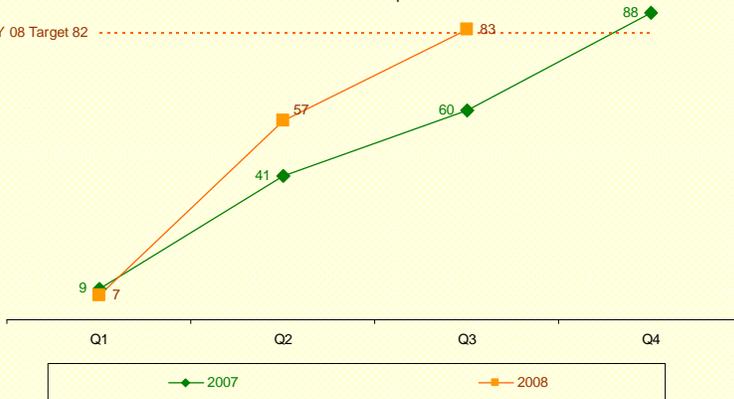
Target will be increased to 8,425 contingent upon finalization of the CAFO Rule by July 1.

Data Source: ICIS

**17** Inspections remain an important tool to address poorly managed livestock operations that can pollute rivers, lakes, estuaries and groundwater. The number of inspections includes joint EPA/State inspections.

# of CAFO Inspections

FY 08 Target 82



Data Source: ICIS, ICIS/OTIS/PCS

## Energy

Links to Strategic Plan Objective 1.1 (Outdoor Air) and 2.2 (Water Quality)

**18** Timely permitting of environmentally sound energy activities contributes to the nation's energy security and protects the environment and human health. The number of permits includes Underground Injection Control and air-related permits. This measures only reports on Region 8 accomplishments.

# of Oil and Gas Activities for Which EPA Issued a Permit



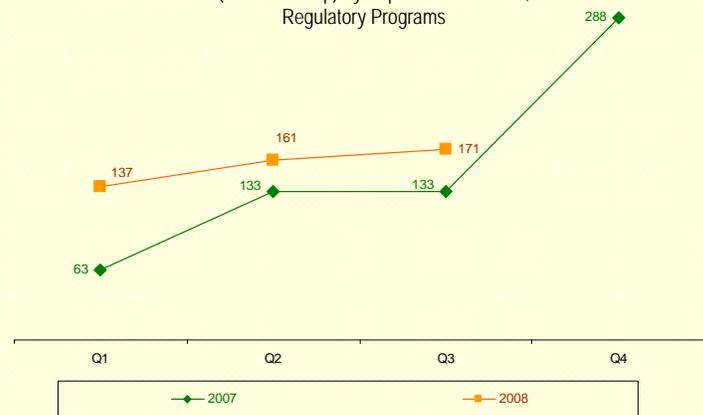
Data Source: Staff records and Region 8 programs

## Mining

Links to Strategic Plan Objective 3.2 (Restore Land), 4.1 (Chemical, Organism & Pesticide Risks), and 5.2 (Restore Land)

**19** Abandoned and poorly managed mining sites may threaten rivers, lakes, estuaries and groundwater. In the Great American West, EPA regions are reclaiming land and protecting the environment through Superfund remedial actions and removal actions, Brownfields actions, and voluntary cleanup programs.

# of Acres Addressed (or Cleaned up) by Superfund Remedial, Removal and Non-Regulatory Programs



Data Source: Staff Reports, Region 8 NEPA Program, CERCLIS, GPRA Forms

# Select Regional Priorities ISLANDS

**20** EPA is working to increase and maintain the percentage of the population with access to drinking water meeting EPA standards in the Islands regions.

% of Population with Access to Drinking Water Meeting EPA Standards

|                            | Q407 | Q1  | Q2  | Q3 | FY08 Target |
|----------------------------|------|-----|-----|----|-------------|
| Region 2 (Puerto Rico)     | 36%  | 32% | 34% | NR | 36%         |
| Region 9 (Pacific Islands) | 59%  | 66% | 73% | NR | 69%         |

Data are from the previous quarter due to data reporting constraints. Data represents a 12-month rolling average through 3/31/2008.

**21** Compliance with wastewater treatment plant BOD/TSS/No Bypass Requirements prevents pollutants from being discharged into surface waters.

% of Wastewater Treatment Plants in Compliance with BOD/TSS/No Bypass Requirements

|                            | Q407 | Q1  | Q2  | Q3  | FY 08 Target |
|----------------------------|------|-----|-----|-----|--------------|
| Region 2 (Virgin Islands)  | 70%  | 70% | 70% | 80% | 80%          |
| Region 2 (Puerto Rico)     | 70%  | 70% | 70% | 75% | 75%          |
| Region 9 (Pacific Islands) | 79%  | 75% | 58% | 58% | 75%          |

# Select Regional Priorities

## TRIBES AND US-MEXICO BORDER



### Tribes: Air Quality

Links to Strategic Plan Objective 1.1 (Outdoor Air)

22 Improving the Title V Air Permit program offers great promise to addressing air quality on Tribal lands.

# of Title V Air Permits

|                      | Region 2 | Region 5 | Region 6 | Region 8 | Region 9 | Region 10 |
|----------------------|----------|----------|----------|----------|----------|-----------|
| # of Initial Permits | Issued   | 0        | 3        | 0        | 0        | 1         |
|                      | Pending  | 0        | 4        | 0        | 20       | 2         |
| # of Renewal Permits | Issued   | 0        | 0        | 0        | 4        | 0         |
|                      | Pending  | 0        | 0        | 3        | 16       | 2         |
| Total Permits        | Issued   | 0        | 3        | 0        | 4        | 1         |
|                      | Pending  | 0        | 4        | 3        | 36       | 4         |

No Federally Recognized Tribes in Region 3. No Title V permits in Indian Country for Regions 1, 4, and 7.

Data Source: Region 5, FREDS, Regional Tracking, Internal Reports, Part 71 Program Implementation Tracking System

### Tribes: Water Quality

23 Addressing drinking water issues offers great promise for improving health on Tribal lands.

# of Water System Sanitary Surveys Within the Past 3 Years (5 Years for Outstanding Performers)

Links to Strategic Plan Objective 2.1 (Human Health)



Data Source: SDWIS, Regional Tracking, Region 6 and Region 10 Databases

24 Current National Pollutant Discharge Elimination System (NPDES) permits improve and maintain water quality.

# of NPDES Permits Issued and Current

Links to Strategic Plan Objective 2.2 (Water Quality)



Data Source: PCS, ACS, NPDES, Biosolids Staff, ICIS

### US-Mexico Border: Land Revitalization

Links to Strategic Plan Objective 4.2 (Communities)

25 Removing scrap tires reduces mosquito-borne diseases and fire risk.

US-Mexico Border - Tires Removed from Piles



Data Source: BECC, SEMERNAT, EPA Grantees

### Tribes: Land Preservation

26 EPA regions support Tribal solid waste management programs including actions to address risks associated with open dumps.

# of Open Dumps Closed, Cleaned Up, or Upgraded in Indian Country

Links to Strategic Plan Objective 3.1 (Preserve Land), 3.2 (Restore Land), and 5.3 (Tribal Capacity to Implement Environmental Programs)

|      | Region 1 | Region 2 | Region 4 | Region 5 | Region 6 | Region 7 | Region 8 | Region 9 | Region 10 |
|------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Q407 | 0        | 0        | 0        | 3        | 15       | 0        | 4        | 82       | 3         |
| T07  | 0        | 0        | 0        | 2        | 3        | 0        | 2        | 20       | 2         |
| Q1   | 0        | 0        | 0        | 6        | 2        | NR       | 6        | 15       | 1         |
| Q2   | 0        | 0        | 0        | 6        | 4        | 0        | 6        | 19       | 9         |
| Q3   | 0        | 0        | 0        | 25       | 9        | 0        | 20       | 27       | 9         |
| T08  | 0        | 0        | 0        | 2        | 2        | 0        | 5        | 20       | 1         |

Indian Health Service is assessing the sites on reservations and universe is not known. No Federally Recognized Tribes in Region 3.

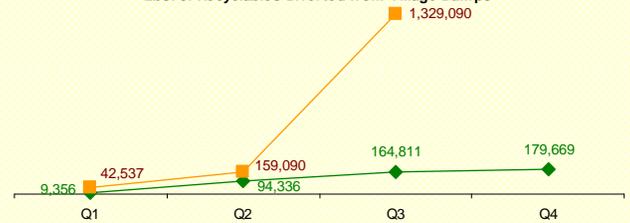
Data Source: IHS Database, Manual Report, Grantee Progress Reports

27 Region 10 is supporting Alaskan recycling and safe solid waste disposal practices to address health and environmental risks. Good weather and increased focus during Q3 resulted in over 1 million pounds of recyclables diverted from village dumps.

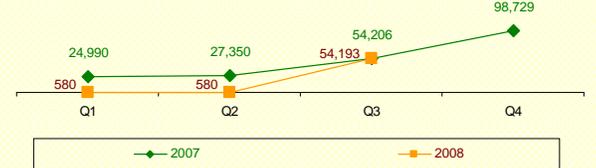
Alaska Village Solid Waste

Links to Strategic Plan Objective 3.1 (Preserve Land) and 5.3 (Tribal Capacity to Implement Environmental Programs)

Lbs. of Recyclables Diverted from Village Dumps



Lbs. of Trash Collected for Proper Disposal



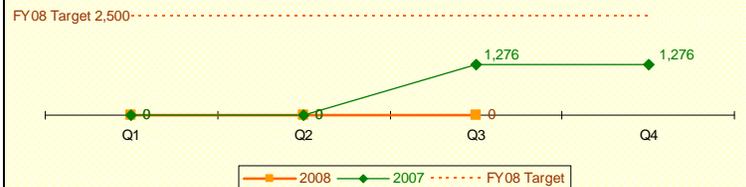
Data Source: RurAL CAP Grants, IGAP Proposals Master Log

### US-Mexico Border: Water Quality

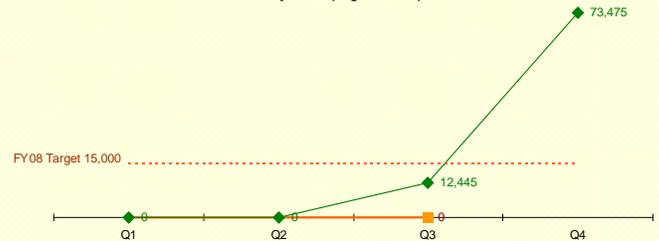
Links to Strategic Plan Objective 4.2 (Communities)

28 EPA supports the U.S.-Mexico Border Program's effort to reduce health risks by increasing the number of homes connected to potable water supply and improving wastewater collection and treatment systems. Projects anticipated for completion in Q3 were delayed and are on schedule for completion in Q4.

Additional Homes Served by Improvements in Water Services  
Drinking Water (Regions 6 & 9)



Sewer Systems (Regions 6 & 9)



Data Source: NADB Reporting

Unless otherwise specified:

- Data is cumulative thru current quarter
- Target represents end of fiscal year (Sept 08)
- T07 = 2007 FY Target, T08 = 2008 FY Target

- Q107 = Oct '06 thru Dec '06 (data for 3 mos.)
- Q207 = Oct '06 thru Mar '07 (data for 6 mos.)
- Q307 = Oct '06 thru Jun '07 (data for 9 mos.)
- Q407 = Oct '06 thru Sept '07 (data for 12 mos.)

- Q1 = Oct '07 thru Dec '07 (data for 3 mos.)
- Q2 = Oct '07 thru Mar '08 (data for 6 mos.)
- Q3 = Oct '07 thru Jun '08 (data for 9 mos.)

- FY = Fiscal Year
- NR = Not Report
- N/A = Not Applicable

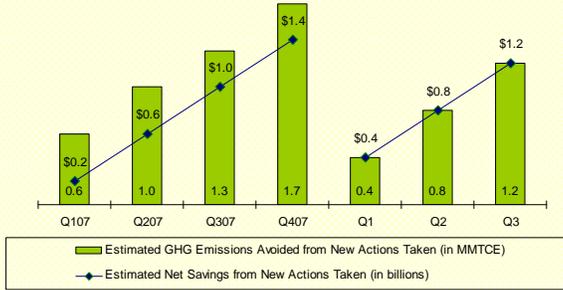


# Select National Priorities

## Climate Change and Energy

**29** ENERGY STAR helps individuals and organizations reduce energy use, save money, and prevent greenhouse gas emissions. The numbers below represent incremental savings attributable to the program as a result of activities occurring in Fiscal Year 2008. They are in addition to savings from actions taken prior to October 1, 2007.

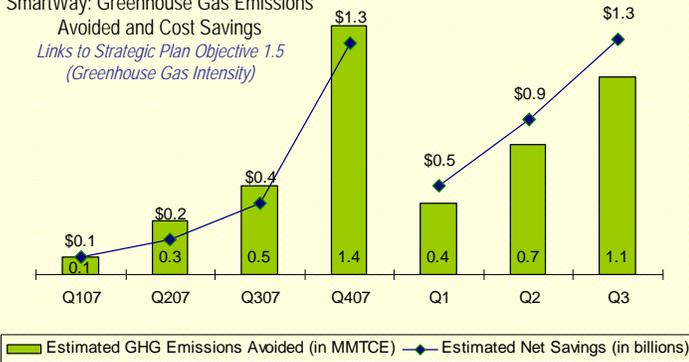
ENERGY STAR: Additional Greenhouse Gas Emissions Avoided and Cost Savings  
 Links to Strategic Plan Objective 1.5 (Greenhouse Gas Intensity)



Data Source: OAR Analysis

**30** SmartWay works with the transportation and freight sectors to reduce greenhouse gas (GHG) emissions and reduce costs.

SmartWay: Greenhouse Gas Emissions Avoided and Cost Savings  
 Links to Strategic Plan Objective 1.5 (Greenhouse Gas Intensity)



Data Source: FLEET Model, SmartWay Database

**31** Benchmarking building energy use allows building owners and operators to monitor energy use and target efficiency improvements. This measure is reported in terms of square footage rather than the number of buildings. Regions differ in their prioritization and, therefore, their accomplishments related to this specific voluntary program.

ENERGY STAR: Square Footage of Buildings Rated (in Millions)  
 Links to Strategic Plan Objective 1.5 (Greenhouse Gas Intensity)

|    | Region 1 | Region 2 | Region 3 | Region 4 | Region 5 | Region 6 | Region 7 | Region 8 | Region 9 | Region 10 |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Q1 | 187      | 278      | 370      | 562      | 524      | 363      | 103      | 112      | 495      | 141       |
| Q2 | 282      | 440      | 534      | 679      | 808      | 498      | 143      | 143      | 664      | 192       |
| Q3 | 337      | 576      | 675      | 775      | 993      | 590      | 182      | 176      | 748      | 221       |

Data Source: Energy Star

**32** EPA's research continues to lead government-wide efforts to assess the effects of climate change on air and water quality.

# of Months Ahead (Behind) on Select Climate Change Activities  
 Links to Strategic Plan Objective 4.4 (Science & Research)

| Activity | Months Ahead | Months Behind |
|----------|--------------|---------------|
|          |              |               |
|          |              |               |
|          |              |               |

Data Source: Global Change Research Program

**33** Methane to Markets is an international public-private partnership to advance the recovery and use of methane as a clean energy source.

Key Methane to Markets Quarterly Milestones Met  
 Links to Strategic Plan Objective 1.5 (Greenhouse Gas Intensity)

| # of Milestones (for FY08) | # of Milestones Met or Exceeded | Accomplishments  |
|----------------------------|---------------------------------|--|
| 34                         | 24                              | EPA achieved 10 milestones in FY08Q3, bringing the total number of milestones achieved to 24 of the 34 identified for FY08. Q3 accomplishments included the successful facilitation of four M2M subcommittee meetings in the landfill, coal, agriculture, and oil & gas sectors. The meetings focused on developing strategies and resources to enable greater participation in the partnership, such as country specific action plans for each sector and strategies to engage the private sector and other non-governmental organizations. |

Data Source: ASG Schedule of Key Milestones

## Best Available Science

Links to Strategic Plan Objective 4.4 (Science & Research)

Research labs continue to achieve good results related to meeting their key management objectives.

% of Key Research Management Objectives On Schedule  
 EPA Labs and Research Centers

|   | Q407 | Q1   | Q2   | Q3   |
|---|------|------|------|------|
| National Exposure Research Lab (NERL)                         | 100% | 100% | 100% | 100% |
| National Health & Environmental Effects Research Lab (NHEERL) | 100% | 100% | 98%  | 98%  |
| National Risk Management Research Lab (NRMRL)                 | 100% | 100% | 100% | 97%  |
| National Center for Computational Toxicology (NCCT)           | 50%  | 100% | 100% | 100% |
| National Center for Environmental Assessment (NCEA)           | 89%  | 100% | 96%  | 92%  |
| National Center for Environmental Research (NCER)             | 92%  | 95%  | 89%  | 89%  |
| National Homeland Security Research Center (NHSRC)            | 100% | 100% | 100% | 100% |
| Immediate Office of the Assistant Administrator (IOAA)        | NR   | 100% | 67%  | 67%  |

Data Source: ORD's IRMS database

## Air Quality

Links to Strategic Plan Objective 1.1 (Outdoor Air)

**35** Old diesel engines are a major source of soot and these projects are an extremely cost-effective way to improve air quality.

# of Emission Reduction Projects



# of Diesel Engines Affected



Data Source: NCDD

Unless otherwise specified:

- Data is cumulative thru current quarter
- Target represents end of fiscal year (Sept 08)
- T07 = 2007 FY Target, T08 = 2008 FY Target

- Q107 = Oct '06 thru Dec '06 (data for 3 mos.)
- Q207 = Oct '06 thru Mar '07 (data for 6 mos.)
- Q307 = Oct '06 thru Jun '07 (data for 9 mos.)
- Q407 = Oct '06 thru Sept '07 (data for 12 mos.)

- Q1 = Oct '07 thru Dec '07 (data for 3 mos.)
- Q2 = Oct '07 thru Mar '08 (data for 6 mos.)
- Q3 = Oct '07 thru Jun '08 (data for 9 mos.)

- FY = Fiscal Year
- NR = Not Reported
- N/A = Not Applicable



# Select National Priorities (continued)

## Water Quality

Links to Strategic Plan Objective 2.2 (Water Quality)

**36** EPA approval of revised standards establishes updated goals for water quality protection programs.

% of State/Territorial Water Quality Standards Revisions Approved by EPA



Data Source: WATA

**37** National Pollutant Discharge Elimination System (NPDES) permitting is one of the most direct tools EPA has to address water quality issues. The priority permits initiative was created to prioritize the issuance of the most environmentally significant permits. Progress on this measure begins in January of each year.

% of High Priority State NPDES Permits that are Issued as Scheduled



Data Source: PCS, ICIS, and Internal Sources

**38** Setting Total Maximum Daily Loads (TMDLs) is one of the many tools used before taking further action to reduce nutrient pollution.

Number of TMDLs that are Established or Approved by EPA [Total TMDLs] on a Schedule Consistent with National Policy

| Year | Q1 | Q2 | Q3 | Q4 |
|------|----|----|----|----|
| 2007 |    |    |    |    |
| 2008 |    |    |    |    |

Note: A TMDL is a technical plan for reducing pollutants in order to attain water quality standards. The terms 'approved' and 'established' refer to the completion of the TMDL itself.

## Enforcement and Compliance Assistance

Links to Strategic Plan Objective 5.1 (Improved Compliance)

**39** Vigorously enforcing environmental laws continues to be a critical component of EPA efforts. Compliance assistance continues to be an effective complement to enforcement.

|  | Q407 | Q1  | Q2    | Q3    | T08 |
|--|------|-----|-------|-------|-----|
| Number of Civil Referrals  | 278  | 17  | 71    | 142   | N/A |
| Estimated Lbs of Pollution Reduced (Millions)                        | 890  | 988 | 2,364 | 2,411 | 890 |
| \$ Invested in Pollution Control as Result of Enforcement (Billions) | 10.6 | 7.8 | 9.2   | 9.7   | 4.3 |
| % of Compliance Assistance recipients improving practices            | 91%  | 95% | 87%   | 79%   | 50% |

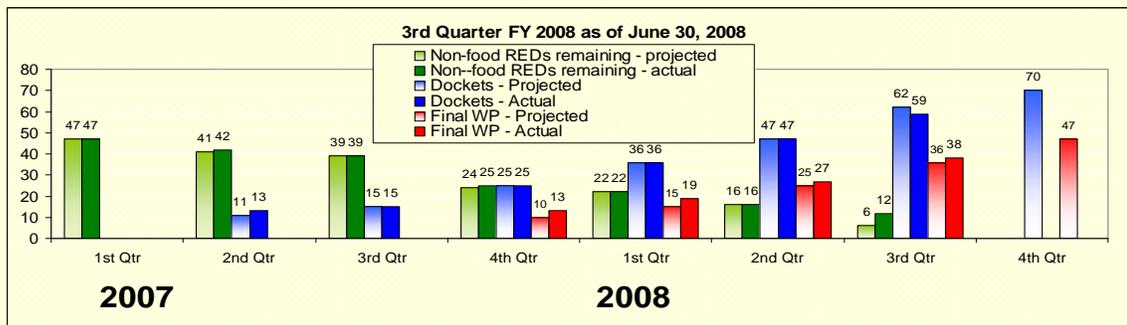
Data Source: ICIS

## Chemicals

Links to Strategic Plan Objective 4.1 (Chemical, Organism & Pesticide Risks)

Pipeline for Reviewing Registered Pesticides

**40** EPA's Pesticide Program is on target for phasing out old review process (completing remaining non-food use Reregistration Eligibility Decisions [REDs] by end of FY08).



Data Source: OPPIN

**41** The Pesticide Registration Improvement Act (PRIA) provides reduced timeframes for completing registration decisions. Since Q1 FY06 the Office of Prevention, Pesticides and Toxic Substances (OPPTS) has achieved a minimum 99.7% on time record.

Pesticide Registration Improvement Act: Applications Received, Completed, Pending, Percent Negotiated, and Percent On Time at End of Quarter

|  | Q407         | Q1           | Q2           | Q3           |
|--|--------------|--------------|--------------|--------------|
| Received   | 1,722        | 380          | 779          | 1,198        |
| Completed (includes withdrawn)                                   | 1,756        | 507          | 998          | 1,395        |
| % of completed and withdrawn decisions with negotiated due dates | 14%          | 17%          | 17%          | 19%          |
| % on time (completed on or before PRIA or negotiated due date)   | 100.0%       | 99.8%        | 99.8%        | 99.9%        |
| <b>Total Pending</b>   | <b>1,207</b> | <b>1,087</b> | <b>1,023</b> | <b>1,033</b> |

Data Source: OPPIN

**42** EPA is on track to achieve end of year targets for completing risk and hazard based prioritizations for High and Moderate Production Volume (HPV and MPV) chemicals, despite reducing its pace in completing hazard characterization of HPVs.

Security and Prosperity Partnership (SPP) Commitments for High Production Volume (HPV) and Moderate Production Volume (MPV) Chemicals

| Year | Q1 | Q2 | Q3 | Q4 |
|------|----|----|----|----|
| 2007 |    |    |    |    |
| 2008 |    |    |    |    |

Data Source: HPV Program Screening Phase Tracking Files

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# Select National Priorities (continued) and Other Activities

## Enabling and Support Programs in Strategic Plan (unless specified)

### Homeland Security

Links to Strategic Plan Objective 3.2 (Restore Land)

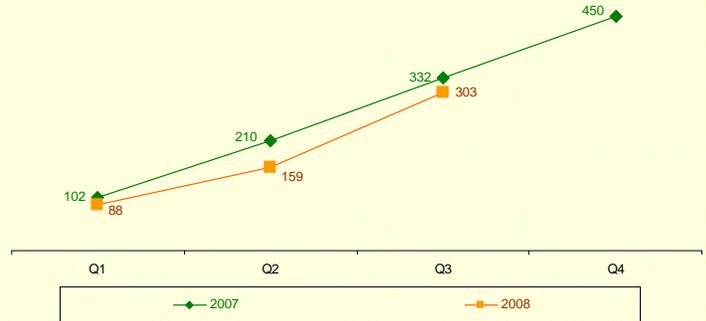
43

EPA plays an important role in responding to natural disasters and emergencies. To prepare for these events, EPA is actively training staff and conducting exercises.

Training Attendance



Exercises



Data Source: Regional Reports

### Land Revitalization

44

EPA cleanup efforts complement state and local activities to restore containment properties to environmental and economic vitality. Due to the grantee reporting cycle, FY 2008 Brownfield data is reported a quarter behind.

# of Brownfields Assessments and Superfund Constructions Completed  
Links to Strategic Plan Objective 3.2 (Restore Land) and 4.2 (Communities)

|                                   | Q407  | Q1 | Q2 | Q3  | T08   |
|-----------------------------------|-------|----|----|-----|-------|
| Brownfields Properties Assessed   | 2,399 | NR | 68 | 567 | 1,000 |
| Superfund Constructions Completed | 24    | 1  | 1  | 4   | 30    |

Data Source: ACRES, CERCLIS

45

Restoring contaminated properties reduces potential exposures to hazardous wastes.

Human Exposures Controlled at High Priority Sites  
Links to Strategic Plan Objective 3.2 (Restore Land)

|   | Q407 | Q1 | Q2 | Q3 | T08 |
|---|------|----|----|----|-----|
| Number of high priority RCRA facilities with human exposures under control                                  | 84   | 2  | 19 | 22 | 49  |
| Number of Superfund, including Federal facilities, hazardous waste sites with human exposures under control | 13   | 26 | 17 | 27 | 10  |

\*Under control" indicates that EPA or state officials have determined that there are no unacceptable human exposures to contamination (present above appropriate risk-based levels) that can be reasonably expected under current land- and water-use conditions.

Data Source: CERCLIS, RCRAInfo

### Congressional Interaction

46

Constructive interactions with Congress ensure appropriate tools and resources are available for protecting human health and the environment.

Timeliness of Correspondence (average # of correspondence overdue)

|                        | Q407 | Q1  | Q2   | Q3   |
|------------------------|------|-----|------|------|
| Overdue Correspondence | 1    | 0.7 | 0.62 | 0.23 |

Data Source: CMS

### Regulatory Paperwork Burden

47

EPA tracks the paperwork burden associated with its actions.

Paperwork Burden (millions of hours)

| FY '02 | FY '03 | FY '04 | FY '05 | FY '06 | FY '07 | FY '08 | Target |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 140.7  | 144.9  | 142.3  | 143.9  | 145.5  | 150.2  | 147.17 | 143.9  |

Data Source: OMB Report of Active ICRs

### Office of Inspector General Operations

48

EPA improves programs and addresses weaknesses by responding to and implementing recommendations arising from reports and investigations by the Office of the Inspector General (OIG).

| OIG Audit Operations                               | Q407         | Q1           | Q2           | Q3           |
|--|--------------|--------------|--------------|--------------|
| Questioned Costs                                   | \$56,300,000 | \$1,020,000  | \$2,250,000  | \$7,330,000  |
| Recommended Efficiencies                           | \$33,900,000 | \$150,000    | \$22,800,000 | \$25,030,000 |
| OIG Investigative Operations                       | Q407         | Q1           | Q2           | Q3           |
| Fines and recoveries                               | \$ 5,033,129 | \$ 1,360,000 | \$ 3,450,000 | \$ 3,720,000 |
| Indictments and convictions                        | 10           | 17           | 26           | 34           |
| Civil Judgments/Settlements/Filings                | 4            | 3            | 3            | 3            |
| Administrative actions against EPA employees/firms | 68           | 17           | 32           | 39           |

Data Source: IGOR, PMRS

### Electronic Data

49

Taking advantage of the information age offers great opportunity for cost-savings and increased transparency. All 50 states and 8 Tribes are now participating in the Exchange Network.

| Exchange Network         | Q407 | Q1 | Q2 | Q3 |
|--------------------------|------|----|----|----|
| # of States Flowing Data | 50   | 50 | 50 | 50 |
| # of Tribes Flowing Data | 7    | 7  | 8  | 8  |

| Central Data Exchange   | Q407    | Q1      | Q2      | Q3      |
|-------------------------|---------|---------|---------|---------|
| Transactions Inbound    | 21,023  | 18,096  | 24,172  | 40,178  |
| Transactions Outbound** | 578,826 | 412,276 | 424,644 | 329,226 |

CDX Total: 599,849 | 430,372 | 448,816 | 369,404

\*\* Outbound Data figure includes email notifications sent via EnviroFlash Air Quality Index and UV Notification System.

Data Source: exchangenetwork.net and CDX Archives 1 and 5, Node Archive

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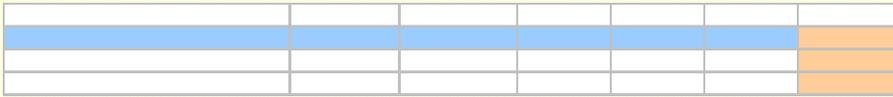


# HEADQUARTERS

## Timeliness of Key Actions

50

Completing actions ahead of schedule means EPA keeps its commitments, improves the quality of decisions, and the public and environment benefit from EPA's key actions sooner. EPA is working on getting actions furthest behind back on track.



Of the 29 actions being tracked against internal milestones, the following 13 actions accounted for the days behind schedule as of 6/30/2008.

### OAR

- Disposal in Yucca Mountain, NV
- National Ambient Air Quality Standard for Lead
- New Source Review - Emissions Test for Electric Generating Units
- Renewable Fuels Standard Program
- Revisions to the Definition of Potential to Emit
- GHG Mandatory Reporting Rule

### OPPTS

- Endocrine Disruptor Screening Program - Test Validation

### OSWER

- CERCLA/EPCRA Notification Requirements and the Agricultural Sector

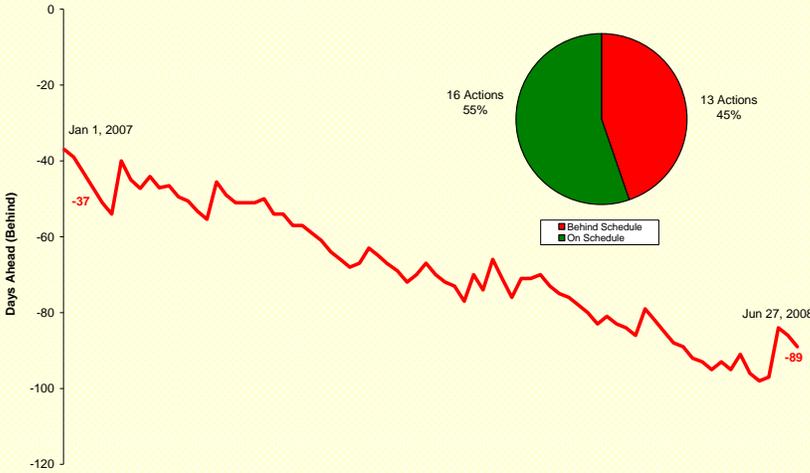
### OW

- Affordability Guidance
- Contaminate Candidate List 2 Regulatory Determinations
- Concentrated Animal Feeding Operation Rule
- Effluent Limitations Guidelines and Standards for Airport Deicing Operations
- Implementation Guidance for Methylmercury Water Quality Criterion

\*This chart reflects timeliness in relation to internal milestones only and is not intended to indicate compliance with any mandatory duties or deadlines.

Data Source: SCOUT Database

Average Number of Days Ahead (Behind) for DA Priority Actions (beginning 1/1/2007)



## Energy Use at EPA Labs

51

Saving energy at EPA facilities helps increase energy security, reduce pollution and cut greenhouse gas emissions. Region 5 has no EPA owned labs.

Increase (Decrease) in Amount of Energy Consumed in MMBTUs

|   | Region 1 | Region 2 | Region 3 | Region 4 | Region 5 | Region 6 | Region 7 | Region 8 | Region 9 | Region 10 | HQ-ORD  | HQ-OAR  | HQ-OARM  |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---------|---------|----------|
| Oct 2006 – June 2007                          | 14,096   | 24,330   | 46,196   | 16,218   | N/A      | 15,134   | 14,355   | 13,985   | 13,940   | 14,822    | 146,809 | 49,176  | 542,584  |
| Oct 2007 – June 2008                          | 14,579   | 24,169   | 45,544   | 15,230   | N/A      | 14,837   | 15,738   | 15,013   | 15,171   | 16,249    | 151,534 | 45,184  | 529,545  |
| FY 08 Increase (Decrease) compared with FY 07 | 483      | (161)    | (652)    | (988)    | N/A      | (297)    | 1,383    | 1,028    | 1,231    | 1,427     | 4,725   | (3,992) | (13,039) |

HQ-ORD includes data from the following labs: Edison, Athens, Narragansett, Corvallis, Gulf Breeze, Ada, Gross Ile, Duluth, Newport and Las Vegas

HQ-OAR includes data from the following labs: Ann Arbor, and Montgomery

HQ-OARM includes data from the following labs: RTP \* New Main, RTP \* NCC, RTP \* Human Studies, RTP \* NHEERL, RTP \* Page Road, RTP \* Burden/Jenkins, RTP \* Childcare,

RTP \* Incinerator/Waste Handling, Cincinnati \* AWBERC, Cincinnati \* Test & Eval, Cincinnati \* Center Hill, Cincinnati \* Pub Warehouse, Cincinnati \* Child Dev. Ctr

Data Source: Utility Bills

## President's Management Agenda

52

The President's Management Agenda (PMA) contains five government-wide goals to improve federal management and deliver results that matter to the American people. Earning a "green" score in these five areas addresses significant government-wide deficiencies identified by the Government Accountability Office, the Office of the Inspector General, the Office of Management and Budget, and others. For FY2008 Q3 EPA continues to achieve the highest score possible on the PMA: 5 "greens" on all 5 government-wide initiatives.

Executive Branch Management Scorecard

| Environmental Protection Agency                        | 3rd Quarter Results - June 30, 2007 |          | 3rd Quarter Results - June 30, 2008 |          |
|--|-------------------------------------|----------|-------------------------------------|----------|
|  | Status                              | Progress | Status                              | Progress |
| Human Capital  | Y                                   | G        | G                                   | G        |
| Competitive Sourcing                                   | G                                   | G        | G                                   | G        |
| Financial Performance                                  | G                                   | G        | G                                   | G        |
| E-Government   | G                                   | G        | G                                   | G        |
| Performance Improvement Initiative                     | G                                   | G        | G                                   | G        |
| Eliminating Improper Payments (first reported Q1 2005) | G                                   | G        | G                                   | G        |

Data Source: OMB

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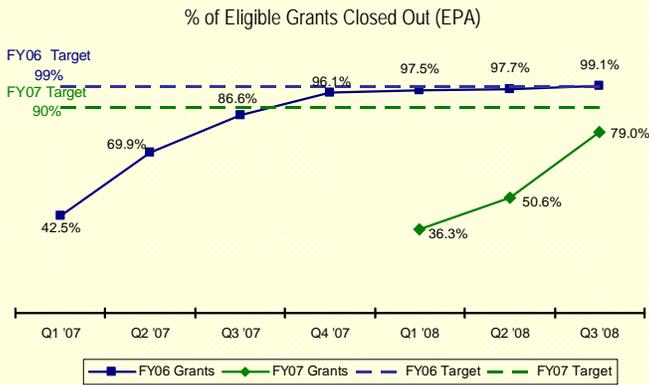


# Administrative Services

## Enabling and Support Programs in Strategic Plan

### Grants Management

53 Grant closeouts have historically been noted as an Agency weakness. In FY07, EPA met its target for closeouts and has removed this as an Agency weakness.

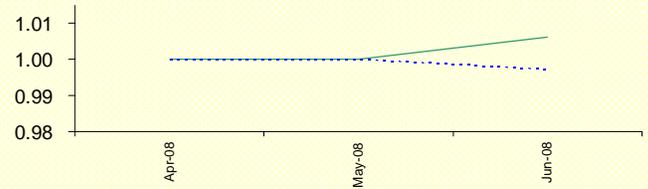


Data Source: Grants System

### Financial System Modernization Project (FSMP)

54 EPA resolved the FSMP bid protest in April 2008 and worked with the winning contractor to rebaseline the project. EPA requested permission from OMB to rebaseline the project and anticipates a response from OMB in August. This chart reflects the new baseline.

Financial System Modernization Project Earned Value Management



Data Source: OCFO

### Small Businesses

55 EPA is committed, and on track, to meet its contracting goals related to the small business community.

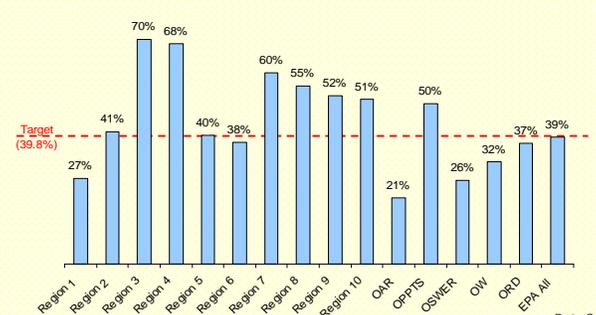
Total Contract Dollars (Millions) Awarded to Small Businesses



Data Source: ICMS

56 Seven of ten regions and one programs met or exceeded the 39.8% target of contracting dollars awarded to small business in Q3.

% of Contract Dollars Awarded to Small Businesses



Data Source: ICMS

### Workforce Recruitment

57 Recruiting a talented staff is critical for maintaining the credibility and performance of the Agency.

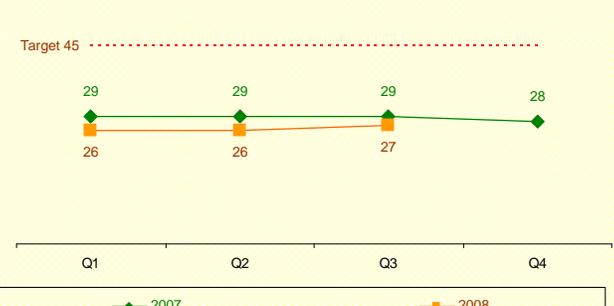
SES Average # of Days



\*\* No new SES hires during Q1 '07

Data Source: HR System, HR Records

General Schedule Average # of Days



### Diversity of Workforce

58 Diversity of experience leads to better decision-making.

|   | TOTAL  | White  |        | Black |        | Hispanic |        | Asian |        | Native Hawaiian/Other Pacific Islander |        | American Indian/Alaskan Native |        | Two or More Races |        | Targeted Disabilities |
|---|--------|--------|--------|-------|--------|----------|--------|-------|--------|--|--------|--------------------------------|--------|-------------------|--------|-----------------------|
|   |        | Male   | Female | Male  | Female | Male     | Female | Male  | Female | Male                                   | Female | Male                           | Female | Male              | Female |                       |
| <b>Number of Employees</b>                |        |        |        |       |        |          |        |       |        |  |        |                                |        |                   |        |                       |
| Jun-08                                    | 16,699 | 6,391  | 5,169  | 748   | 2,391  | 389      | 481    | 487   | 523    | 5                                      | 7      | 58                             | 74     | 9                 | 9      | 181                   |
| Jun-07                                    | 16,869 | 6,487  | 5,209  | 746   | 2,407  | 396      | 470    | 504   | 507    | 2                                      | 4      | 57                             | 73     | 2                 | 5      | 181                   |
| <b>Percent of Employees</b>               |        |        |        |       |        |          |        |       |        |  |        |                                |        |                   |        |                       |
| Jun-08                                    |        | 38.27% | 30.95% | 4.48% | 14.32% | 2.33%    | 2.88%  | 2.92% | 3.13%  | 0.03%                                  | 0.04%  | 0.35%                          | 0.44%  | 0.05%             | 0.05%  | 1.08%                 |
| Jun-07                                    |        | 38.46% | 30.88% | 4.42% | 14.27% | 2.35%    | 2.79%  | 2.99% | 3.01%  | 0.01%                                  | 0.02%  | 0.34%                          | 0.43%  | 0.01%             | 0.03%  | 1.07%                 |
| <b>Percent of Employees (2000 Census)</b> |        |        |        |       |        |          |        |       |        |  |        |                                |        |                   |        |                       |
| Dec-00                                    |        | 39.00% | 33.70% | 4.80% | 5.70%  | 6.20%    | 4.50%  | 1.90% | 1.70%  | 0.10%                                  | 0.10%  | 0.30%                          | 0.30%  | 0.80%             | 0.80%  | 2.27%                 |

Data Source: OHR, DOL

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